

Add the following ABSTRACT OF THE DISCLOSURE:

An electronic breathing system comprising a facemask for receiving compressed air, a first stage regulator to reduce the air pressure, a demand valve to control the flow of air to the facemask, an exhalation valve to control the flow of air from the facemask, a pressure transducer to detect changes in pressure in the facemask, and a microprocessor to control the opening and closing of the valves.